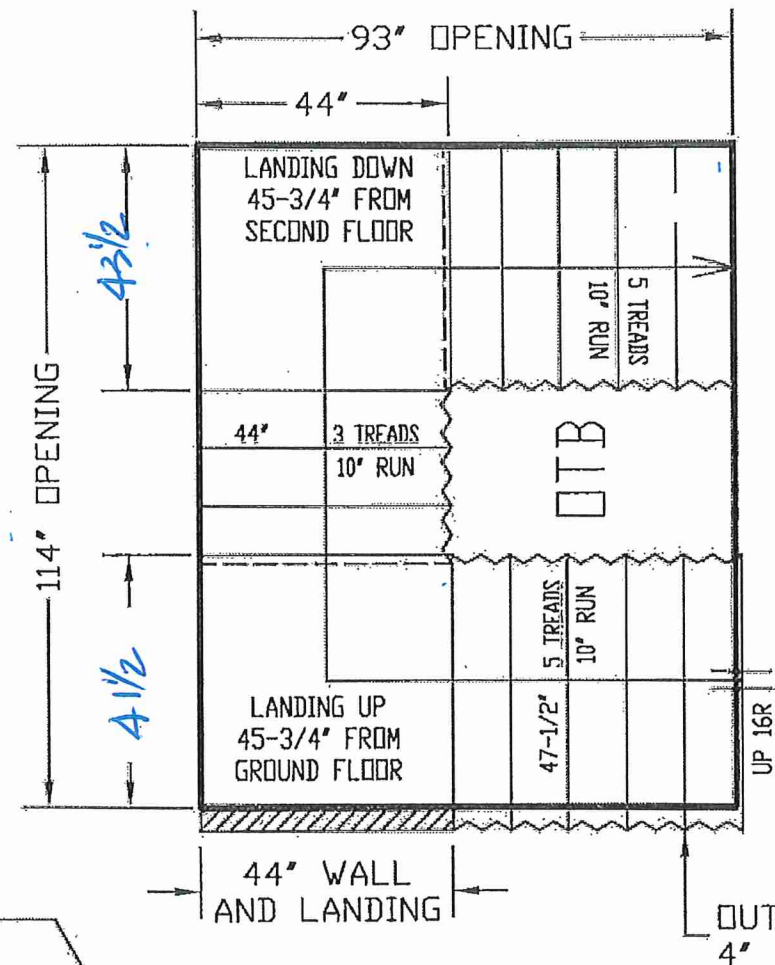
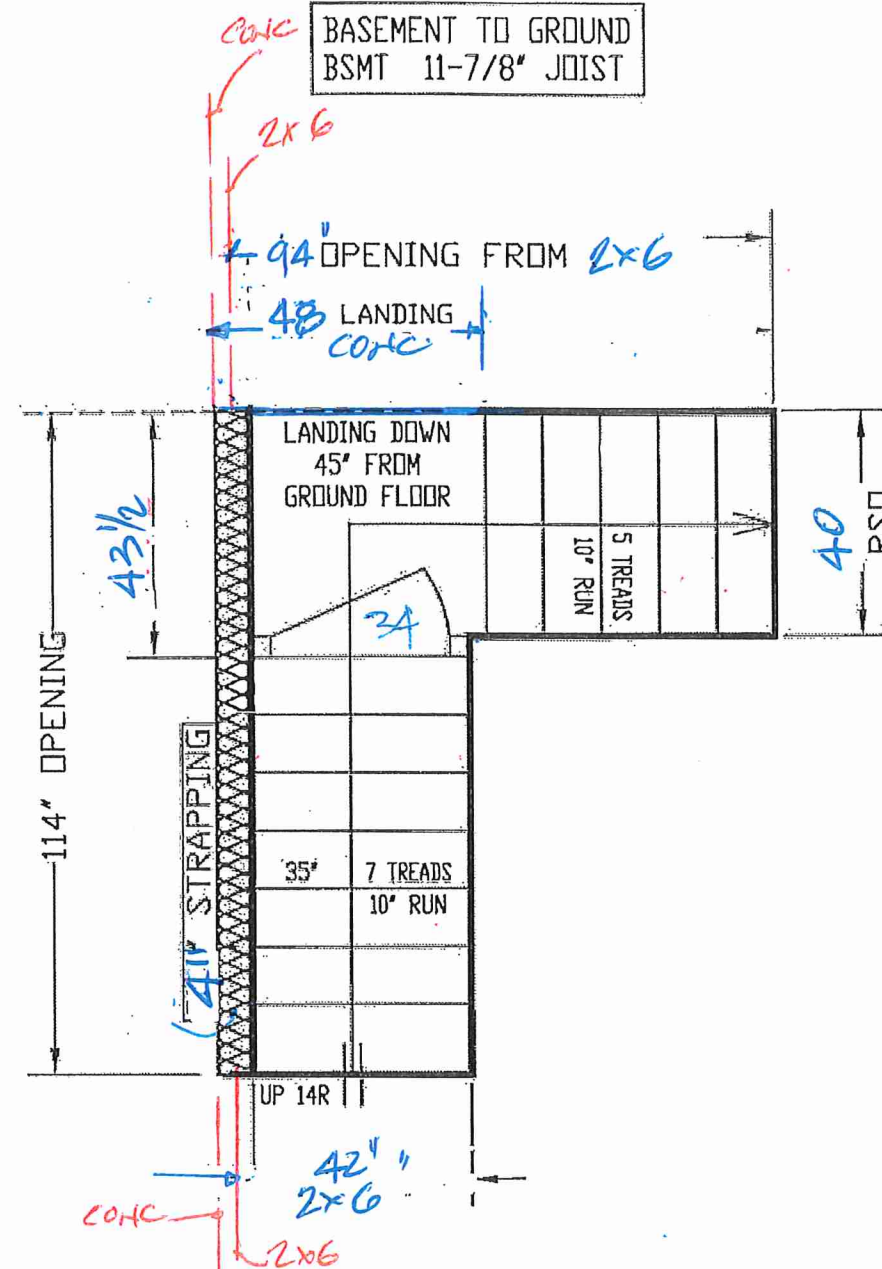


GROUND TO SECOND
122' HT 11-7/8" JOIST



NO WALLS UNTIL
STAIRS INSTALLED

BASEMENT TO GROUND
BSMT 11-7/8" JOIST



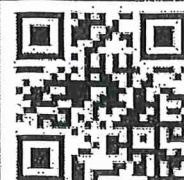
ALL OPENINGS ARE ALLOWED FOR 1 LAYER OF DRY WALL
ANY ADDITIONAL LAYERS MUST BE ALLOWED BY CARPENTERS

GARAGE RIGHT >



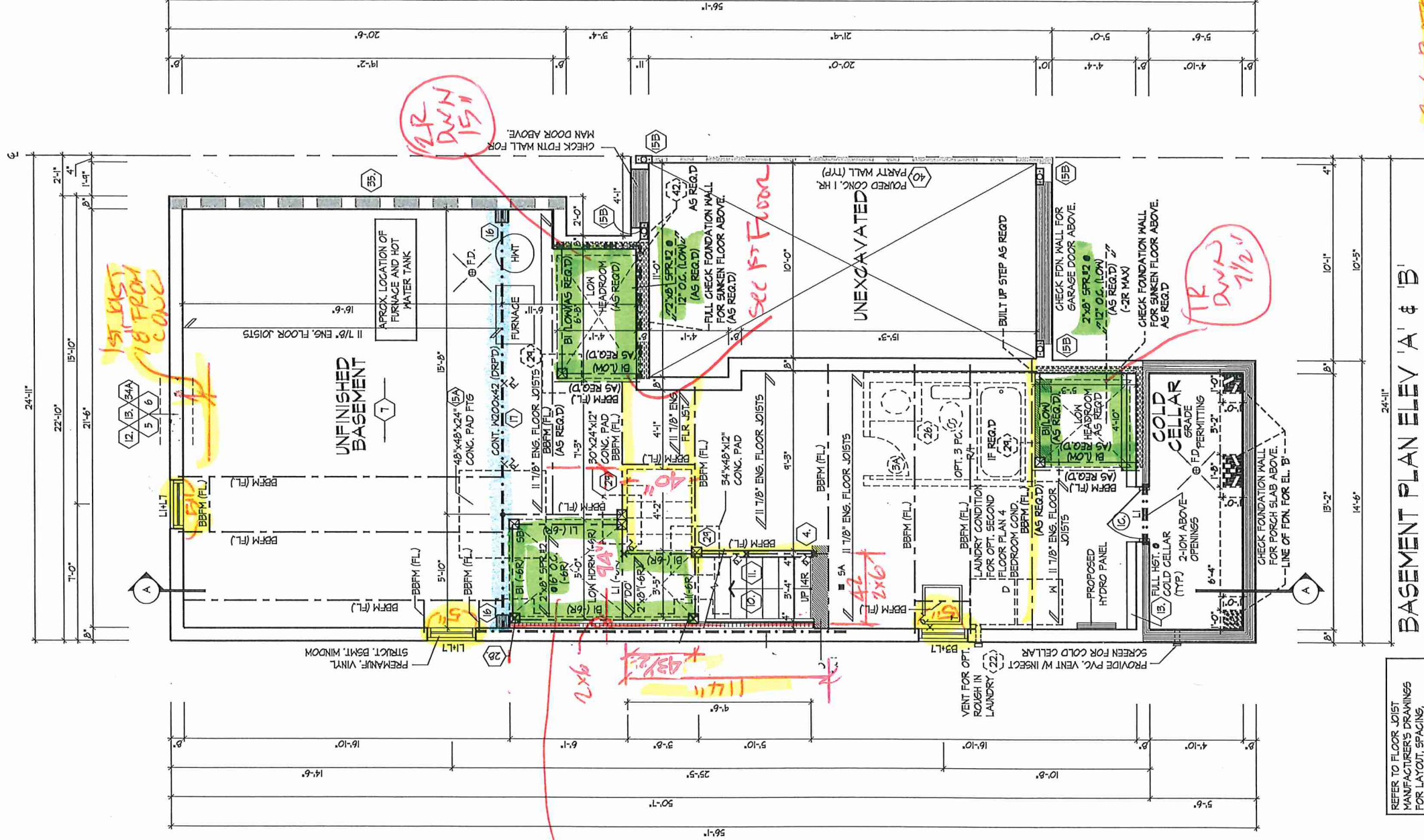
ALL LANDINGS TO BE SUPPLIED AND SUPPORTED BY OTHERS UNLESS SPECIFIED ABOVE
ANY STRAPPING ALLOWANCES TO BE COMPENSATED BY CARPENTERS
ALL STAIR DIMENSIONS MAY BE MODIFIED FROM ORIGINAL BLUE PRINTS OR SPECS AS SUPPLIED TO ALPA STAIRS AND RAILINGS INC. MEASUREMENTS SHOWN ON LAYOUTS ARE REQUIRED TO INSTALL OUR STAIRS. ANY PROBLEM WITH HEADROOM OR STRAPPING ALLOWANCES, ALPA STAIRS AND RAILINGS INC. WILL NOT BE RESPONSIBLE. STAIR LAYOUTS SHOULD BE CHECKED BY CARPENTERS OR SITE SUPERS TO MAKE SURE THERE ARE NO DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION.

ALPA STAIRS AND RAILINGS INC.
3770 NASHUA DRIVE, UNIT 3 MISSISSAUGA, ONTARIO L4V 1M6
TEL: (905) 694-9556 | www.alpastairs.com



SITE		DRAWN BY	NAME	DATE
MAYFIELD VILLAGE			PARAMJEET	JULY 10, 2024
LOT #		CLIENT		
Model	2504 END	SUMMER RIDGE EST. INC		
		LAYOUT #		
		SCALE: 1:35		

BK 292-21



REFER TO FLOOR JOIST
MANUFACTURER'S DRAWINGS
FOR LAYOUT, SPACING,
BLOCKING & STRAPPING
REQUIREMENTS, INSTALLATION
DETAILS AND HANGER SIZES, &
SUBFLOOR THICKNESS

PROVIDE SOLID WOOD
BLOCKING @ 24" O.C. FOR
FIRST JOIST SPAN WHEN
PARALLEL W/ EXTERIOR WALL

SPACE ALL FLOOR JOISTS @
12" O.C. UNDER ALL CERAMIC
TILE AREAS.

BASEMENT PLAN ELEV 'A' & 'B'

2x6 RATE RAYSET TOP
OF BEAM
2x6 FIRM BSMNT
WINDOWS CORRECT
LOCATION

BK 292-21

BASEMENT PLAN ELEV 'A' & 'B'

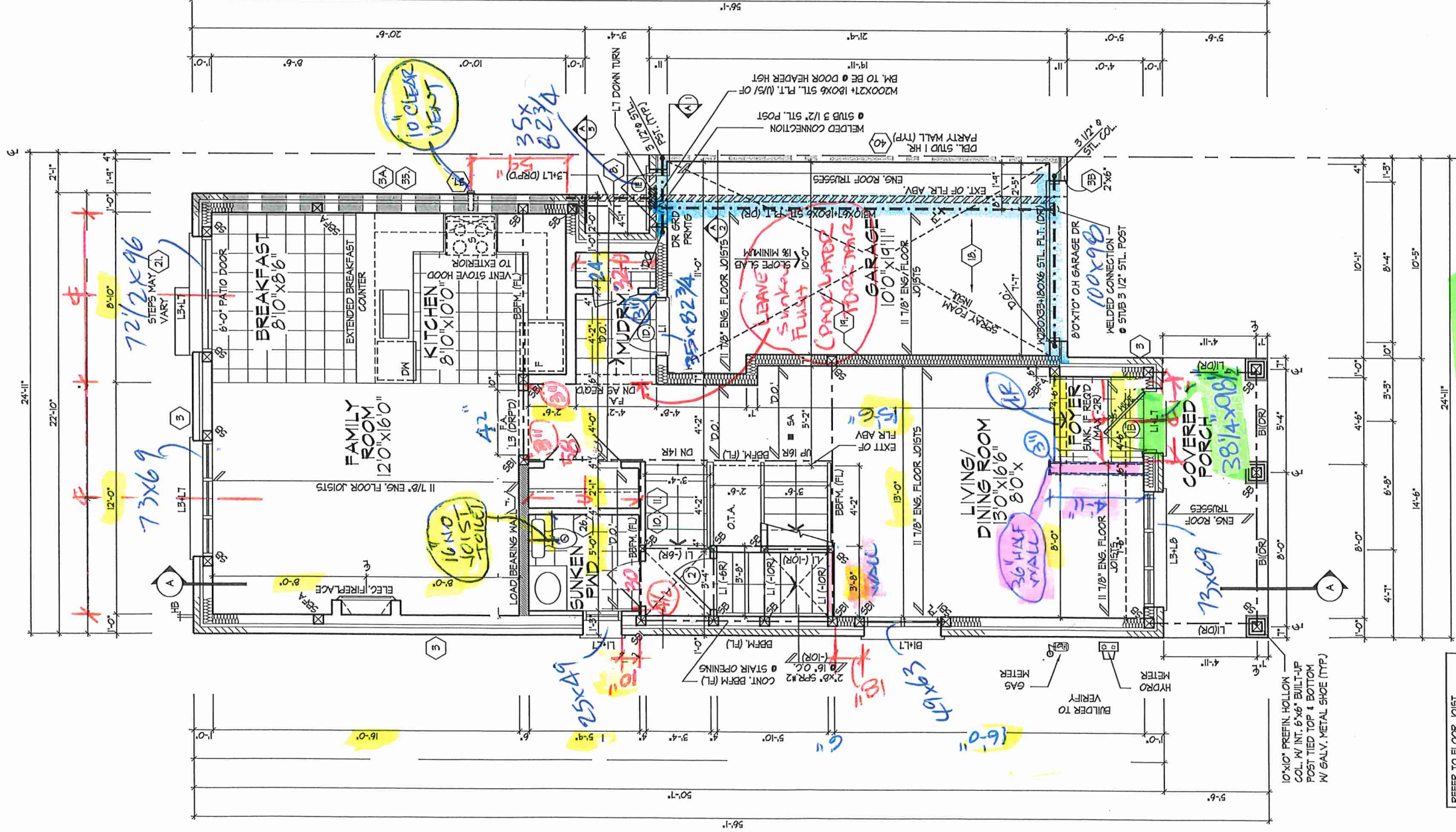


Royal Pine Homes/Summer Ridge Estates Inc.-216051 UNIT-2504
"MAYFIELD VILLAGE", BRAMPTON, ON. REV.2024.03.14

Drawn By: WD
Checked By: DS
Scale: 3/16"=1'-0"
File Number: 216051WS2504
Page Number: 2 of 14

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- S.D. WINDOWS 96"
- INT. DOORS 83"
- ARCHES 96"
- FRONT DOOR 98 1/2"



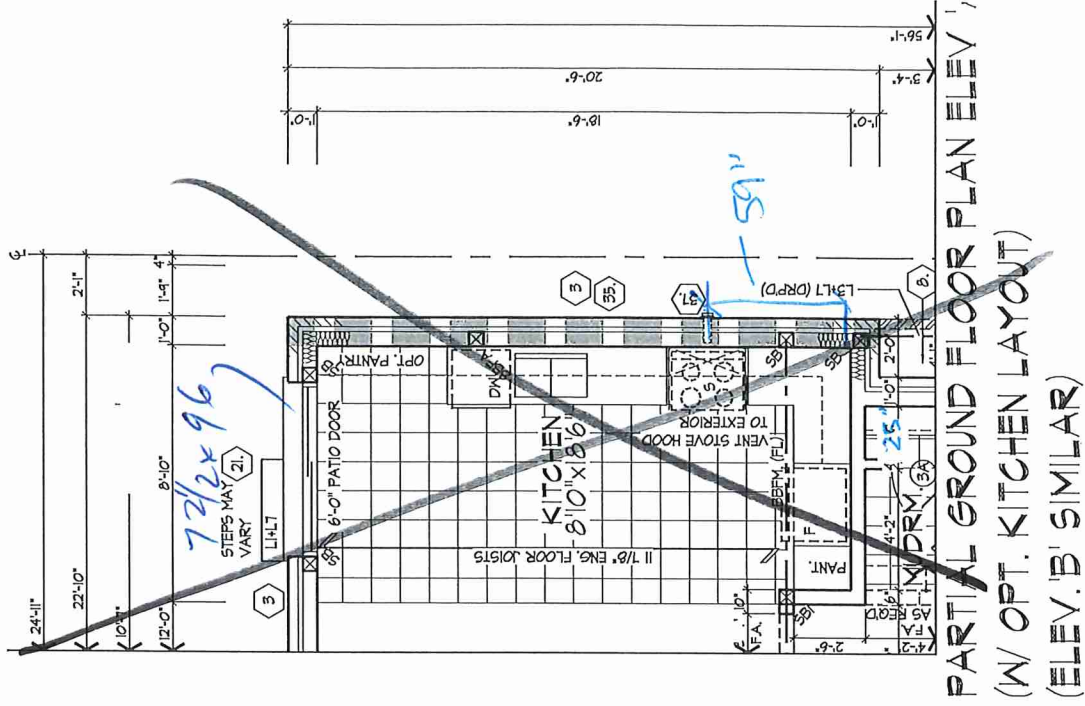
REFER TO FLOOR JOIST MANUFACTURER'S DRAWINGS FOR LAYOUT, SPACING, BLOCKING & STRAPPING REQUIREMENTS, INSTALLATION DETAILS AND HANGER SIZES, & SUBFLOOR THICKNESS

PROVIDE SOLID WOOD BLOCKING @ 24" O.C. FOR FIRST JOIST SPAN WHEN PARALLEL W/ EXTERIOR WALL

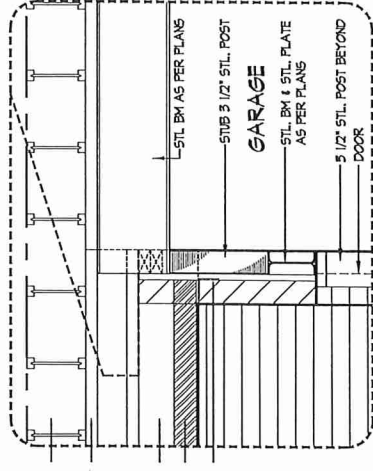
SPACE ALL FLOOR JOISTS @ 12" O.C. UNDER ALL CERAMIC TILE AREAS.

GROUND FLOOR PLAN ELEV 'A'

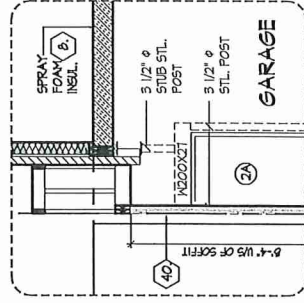
S9: MIN. 2' 2"x6" SFF OR 3' 2"x4" SFF
S91: MIN. 3' 2"x6" SFF OR 4' 2"x4" SFF
S92: MIN. 4' 2"x6" SFF OR 5' 2"x4" SFF



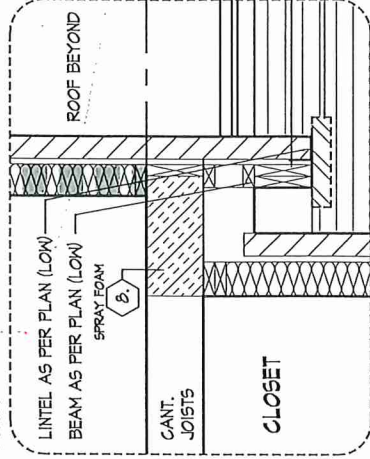
PARTIAL GROUND FLOOR PLAN ELEV 'A' (W/ OPT. KITCHEN LAYOUT) (ELEV. 'B' SIMILAR)



SECTION 'A-1' N.T.S.



SECTION 'A-2' N.T.S.



SECTION 'A-3' N.T.S.

GROUND FLOOR PLAN ELEV 'A' WITH PARTIAL GROUND FLOOR PLAN OPT. KITCHEN LAYOUT



Royal Pine Homes/Summer Ridge Estates Inc.-216051
"MAYFIELD VILLAGE", BRAMPTON, ON.

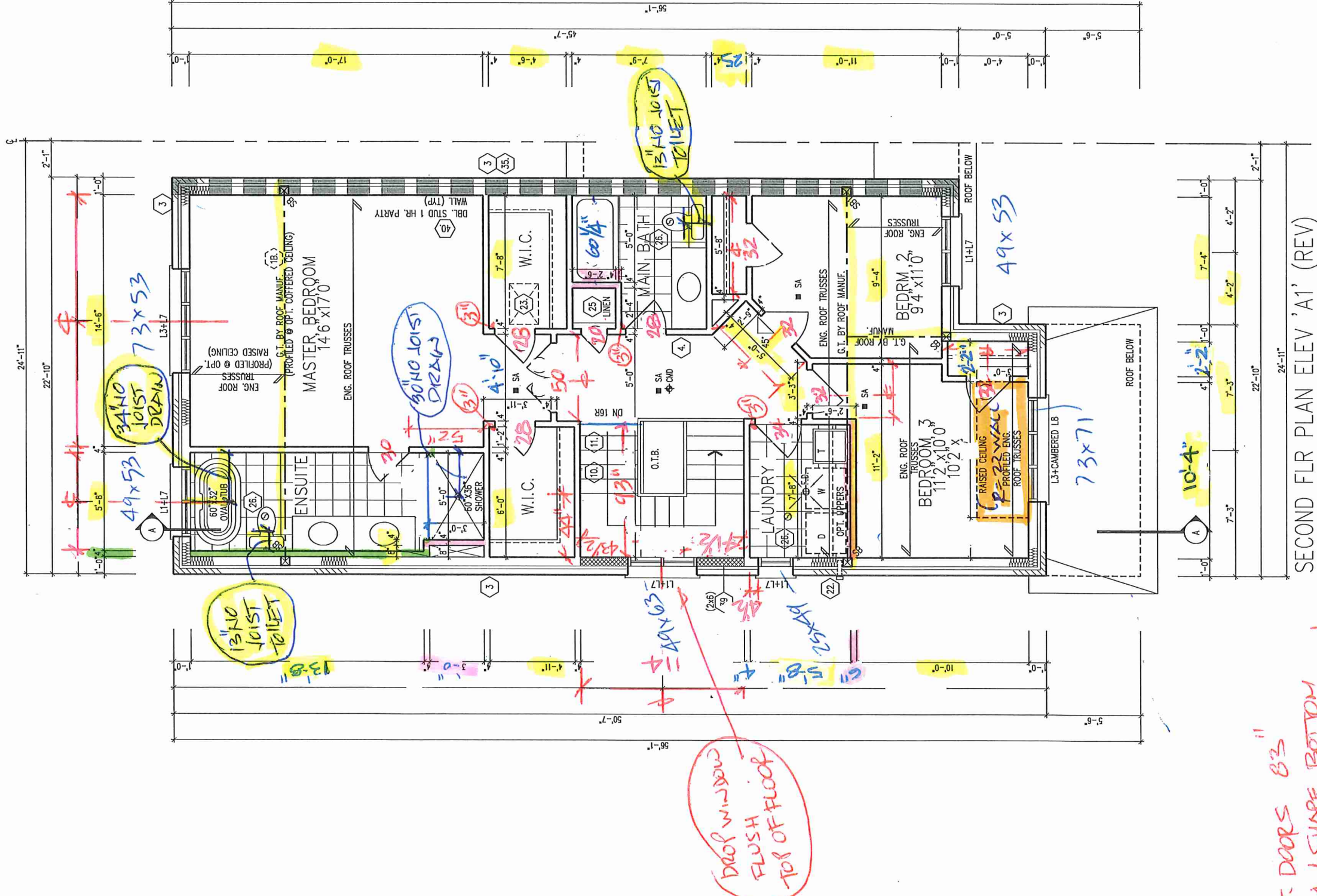
BKC 292-21

Drawn By: WD
Checked By: DS
Scale: 3/16"=1'-0"

File Number: 216051WS2504

Page Number: 3 of 14

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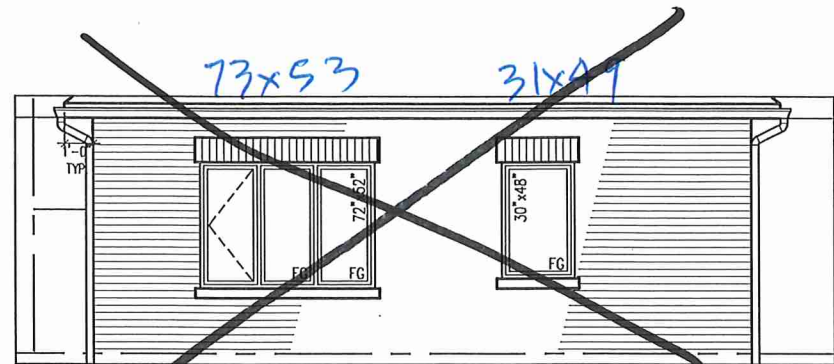


- INT. DOORS 8'3"
- 2x4 L SHAPE BOTTOM BOARD CEILING EVERY 8'
- WINDOWS SEE ELEV

342 292-21



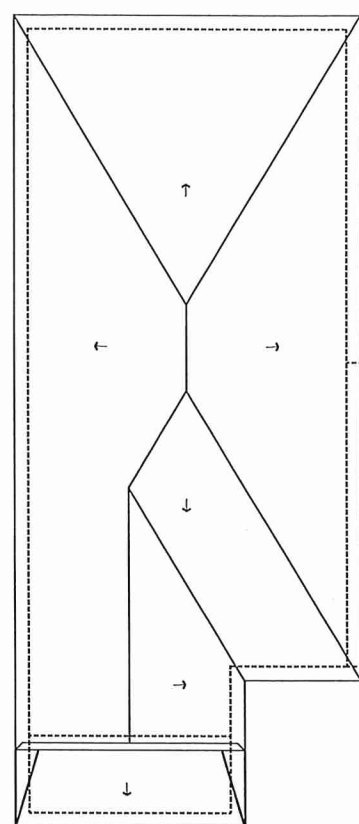
SECOND FLR PLAN ELEV 'A1' (REV)



PARTIAL REAR ELEVATION 'A' & 'B'
(W/ 4 BEDROOM PLAN)

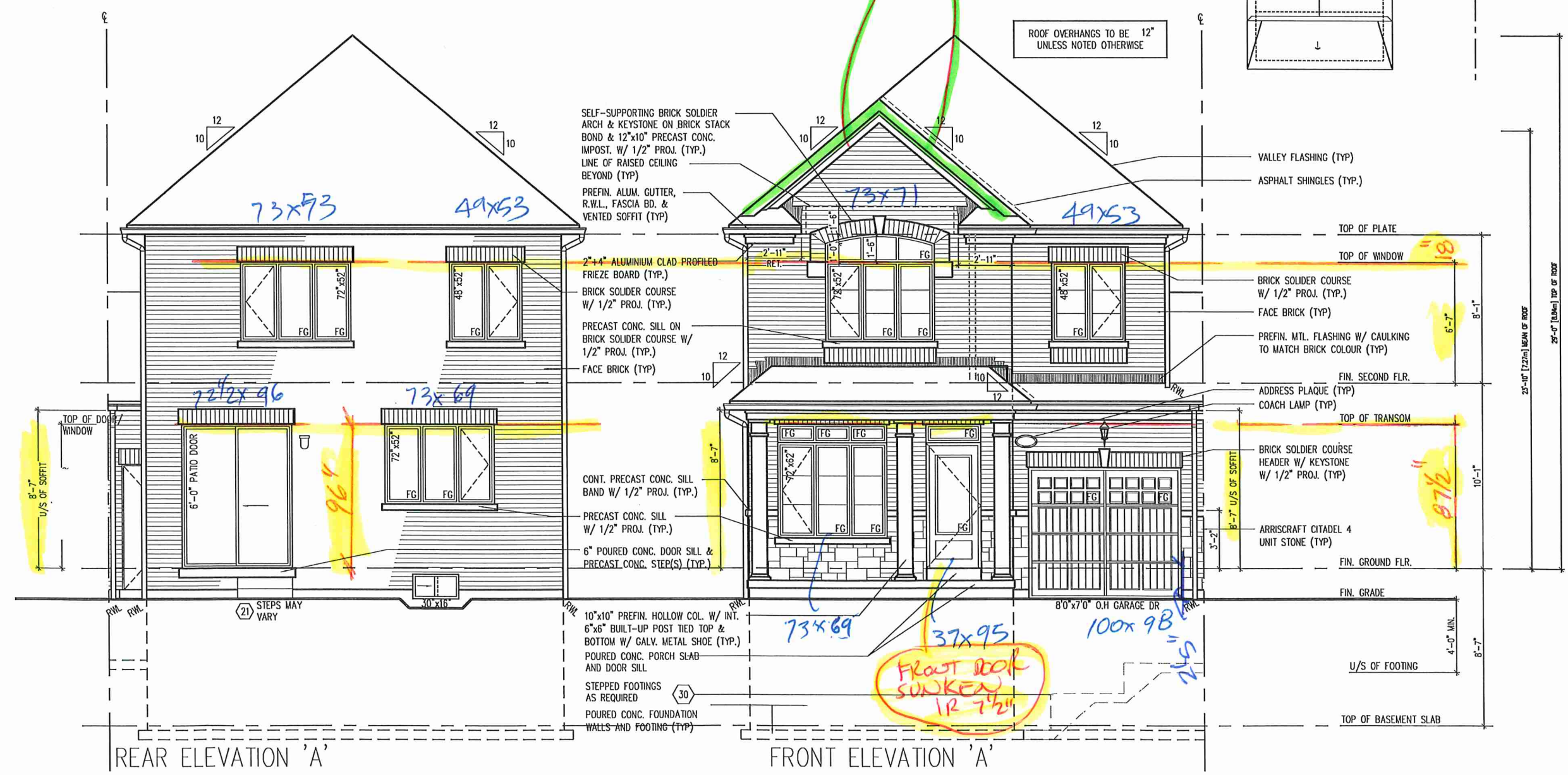
GARAGE ROOF
18' O.H

ROOF PLAN
ELEV. 'A'
N.T.S.



6" OVERHANGS

ROOF OVERHANGS TO BE 12"
UNLESS NOTED OTHERWISE



REAR ELEVATION 'A'

FRONT ELEVATION 'A'

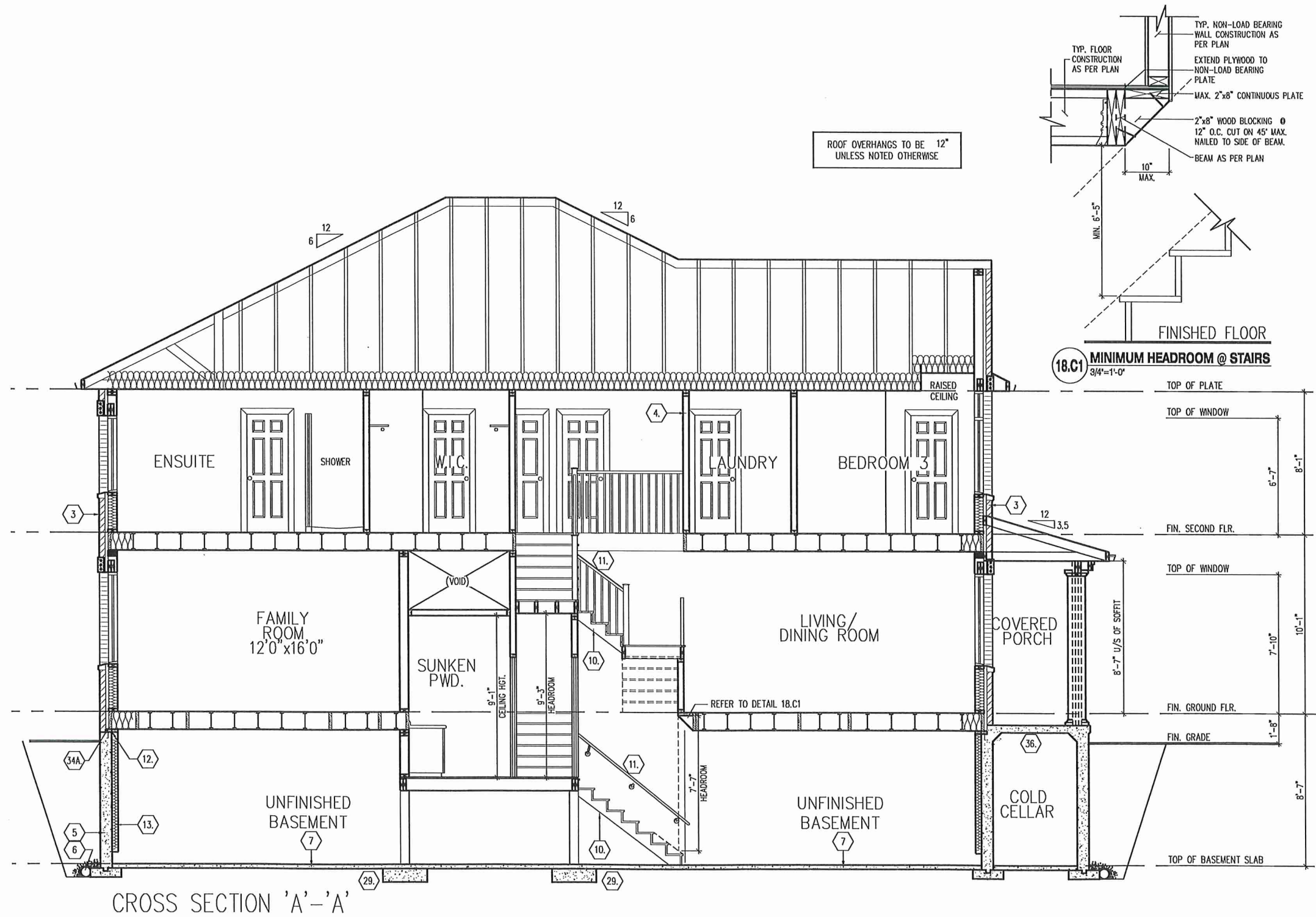
FRONT AND REAR ELEVATION A

Royal Pine Homes/Summer Ridge Estates Inc.-216051 UNIT-2504
"MAYFIELD VILLAGE", BRAMPTON, ON.
REV.2024.03.14
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Scale 3/16"=1'-0"
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Page Number 9 of 14



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CROSS SECTION 'A'-A'

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"MAYFIELD VILLAGE", BRAMPTON, ON.
REV.2024.03.14
Page Number 14 of 14
File Number 216051WS2504
Scale 3/16"=1'-0"
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3550 Langstaff Road, Suite 200 Woodbridge, Ontario, L4L 9G3



PK 292-21

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SECTION 1.0. CONSTRUCTION NOTES

- 1 ROOF CONSTRUCTION (9.19, 9.23.1.3, 9.23.1.6).
NO. 210 (10.25 KG/M2) ASPHALT SHINGLES, 3/8" (9.5) PLYWOOD SHEATHING WITH "H" CLIPS, APPROVED WOOD TRUSSES @ 24" (610) O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 2'-11" (600) FROM EDGE OF ROOF AND MIN. 12" (305) BEYOND INNER FACE OF EXTERIOR WALL, 2"x4" (88x89) TRUSS BRACING @ 6'-4" (1930) O.C. AT BOTTOM CHORD, PREFIN. ALUM. EAVESTROUGH, 1/320" R/L, & VENTED SOFFIT, ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH MIN. 25% OF REQUIRED OPENINGS LOCATED AT TOP OF SPACE & MIN. 25% OF REQUIRED OPENINGS LOCATED AT BOTTOM OF SPACE. EAVESTROUGH TO BE 4" MIN. WITH R/WL DISCHARGING ONTO CONCRETE SPLASH PADS OR PER MUNICIPAL REQUIREMENTS. TOWNHOUSES TO HAVE 6" MIN. EAVESTROUGH WITH ELEC. TRACED HEATER CABLE ALONG EAVESTROUGH AND DOWN R/WL.

- 1A ICE AND WATER SHIELD
PROMDICE AND WATER SHIELDING IN THE AREAS INDICATED. THE ICE AND WATER SHIELD SHALL BE A SELF-ADHERING AND SELF SEALING MEMBRANE. SIDE LAPS MUST BE A MINIMUM 3" (75) AND END LAPS A MINIMUM 6" (152), AND TO EXTEND UP DORMER WALLS A MINIMUM 12" (305).

- 1B PROFILED ROOF TRUSSES
ROOF TRUSSES SHALL BE PROFILED AND/OR STEPPED AT RAISED COFFER/TRAY CEILINGS. ANGLED TRAY CEILINGS WILL BE SHEATHED W/ 3/8" (9.5) PLYWOOD.

- 2 SIDING WALL CONSTRUCTION (2"x6")
SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS. ON FURRING MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS. ON APPROVED SHEATHING PAPER ON 3/8" (9.5) EXT. GRADE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1), & SECTION 1.1, INSULATION, APPROVED 6 MIL POLYETHYLENE AIR/VAPOUR BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD INT. FIN. (GYPSUM SHEATHING, RIGID INSULATION, AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.1.1) (REFER TO 35 NOTE AS REQ.)

- 2A SIDING WALL CONSTRUCTION (2"x6") W/ CONTIN. INSULATION
SIDING MATERIAL AS PER ELEVATION ATTACHED TO FURRING MEMBERS ON APPROVED AIR/WATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS ON 3/8" (9.5) EXT. GRADE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1), & SECTION 1.1, INSULATION, APPROVED 6 MIL POLYETHYLENE AIR/VAPOUR BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD INT. FIN. (GYPSUM SHEATHING, RIGID INSULATION, AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.1.1) (REFER TO 35 NOTE AS REQ.)

- 2B SIDING WALL @ GARAGE CONSTRUCTION
SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS. ON FURRING MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS. ON APPROVED SHEATHING PAPER ON 3/8" (9.5) EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1), & SECTION 1.1, INSULATION, APPROVED 6 MIL POLYETHYLENE AIR/VAPOUR BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. (GYPSUM SHEATHING, RIGID INSULATION AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.1.1) (REFER TO 35 NOTE AS REQ.)

- 3 BRICK VENEER WALL CONSTRUCTION (2"x6")
3 1/2" (90) BRICK VENEER 1" (25) AIR SPACE, 7/8"x7"x0.03" (22x180x0.76) GALV. METAL TIES @ 16" (400) O.C. HORIZ. 24" (600) O.C. VERT. BONDING AND FASTENING FOR TIES TO CONFORM WITH 9.20.9. ON APPROVED SHEATHING PAPER, 3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C (9.23.10.1), & SECTION 1.1, INSULATION AND 6 mil POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONTIN. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 6" (150) BEHIND BUILDING PAPER (9.20.13.6) (REFER TO 35 NOTE AS REQUIRED)

- 3A BRICK VENEER WALL CONSTRUCTION (2"x6") W/ CONTIN. INSULATION
3 1/2" (90) BRICK VENEER 1" (25) AIR SPACE, 7/8"x7"x0.03" (22x180x0.76) GALV. METAL TIES @ 16" (400) O.C. HORIZ. 24" (600) O.C. VERT. BONDING AND FASTENING FOR TIES TO CONFORM WITH 9.20.9. ON APPROVED AIR/WATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS, ON 3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C (9.23.10.1), & SECTION 1.1, INSULATION AND 6 mil POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONTIN. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 6" (150) OVER RIGID INSULATION (9.20.13.6) (REFER TO 35 NOTE AS REQUIRED)

- 3B BRICK VENEER WALL @ GARAGE CONSTRUCTION
3 1/2" (90) BRICK VENEER, MIN. 1" (25) AIR SPACE, 7/8"x7"x0.03" (22x180x0.76) GALV. METAL TIES @ 16" (400) O.C. HORIZ. 24" (600) O.C. VERT. BONDING AND FASTENING FOR TIES TO CONFORM WITH 9.20.9. ON APPROVED AIR/WATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1), & SECTION 1.1, INSULATION AND 6 mil POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONT. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. AT BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP 6" (150) MIN. BEHIND BUILDING PAPER (9.20.13.6) (REFER TO 35 NOTE AS REQ.)

- 4 INTERIOR STUD PARTITIONS (9.23.9.8, 9.23.10)
BEARING PARTITIONS SHALL BE A MINIMUM 2"x4" (88x89) @ 16" (406) O.C. FOR 2 STOREY AND 12" (305) O.C. FOR 3 STOREY. NON-BEARING PARTITIONS 2"x4" (88x89) @ 24" (610) O.C. PROVIDE 2"x4" (88x89) BOTTOM PLATE AND 2"x4" (2x38x69) TOP PLATE 1/2" (12.7) INT. ORY/WALL BOTH SIDES OF STUDS. PROVIDE 2"x6" (88x140) STUDS WHERE NOTED. PROVIDE 2"x4" (88x69) @ 24" (610) O.C. LUDER FRAMING WHERE WALLS INTERSECT PERPENDICULAR TO ONE ANOTHER. PROVIDE 2"x4" (88x69) WOOD BLOCKING ON FLAT @ 3'-11" (1194) O.C. MAX. BETWEEN FLOOR JOISTS WHEN NON-LOADBEARING WALLS ARE PARALLEL TO FLOOR JOISTS.

- 4A EXT. LOFT WALL CONSTRUCTION (2"x6") - NO CLADDING
3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C (9.23.10.1) & SECTION 1.1, INSULATION AND 6 mil POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONT. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (9.23.1)

- 4B NO GLADDING W/ CONTINUOUS INSULATION
APPROVED AIR/WATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS, ON 3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C (9.23.10.1), & SECTION 1.1, INSULATION AND 6 mil POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONT. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (9.23)

- 5 FOUNDATION WALL/FOOTINGS
POURED CONC. FOUNDATION WALL AS PER CHART BELOW ON CONTINUOUS KEYED CONCRETE FOOTING. FOUNDATION WALLS SHALL EXTEND NOT LESS THAN 6" (150) ABOVE FINISHED GRADE. THE OUTSIDE OF THE FOUNDATION SHALL BE DAMPROOFED FROM THE TOP OF THE FOOTING TO FINISHED GRADE AND BRUSH COAT FROM THE TOP TO 2" BELOW GRADE. PROVIDE A DRAINAGE LAYER ON THE OUTSIDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE LAYER AT THE TOP. THE TOP OF THE CONC. FOOTING SHALL BE DAMPROOFED. CONCRETE FOOTINGS SUPPORTING LOFT SPANS GREATER THAN 18'-1" (4900) SHALL BE SIZED IN ACCORDANCE WITH 9.15.3.4.1 (2) OF THE O.B.C. (REFER TO CHART BELOW FOR RESPECTIVE SIZE). BRACE FOUNDATION WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OF 75kPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150kPa. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED. ACTUAL SOIL BEARING CAPACITY TO BE VERIFIED WITH SOIL ENGINEERING REPORT.
REFER TO CONSTRUCTION DRAWINGS AND DETAILS FOR FOUNDATION WALL STRENGTH AND THICKNESS AND 9.16.4.
FOUNDATION WALLS SHALL NOT EXCEED 9'-10" (3.0m) IN UNSUPPORTED HEIGHT UNLESS OTHERWISE NOTED. (9.16.4.2 (1.1))

FLOOR LEVEL	FINISH FLOOR	UNREINFORCED SOLID CONCRETE FOUNDATION WALLS (9.16.4.2)	
		UNSUPPORTED	SUPPORTED AT TOP
1st FL	±0.0	MAX. HEIGHT FROM FIN. SLAB TO GRADE	
	±0.0	AT TOP	
2nd FL	±0.0	≤2.5m	>2.5m & ≤2.75m
3rd FL	±0.0	7'-0" (2.15m)	7'-4" (2.15m)
4th FL	±0.0	7'-6" (2.30m)	8'-0" (2.40m)
5th FL	±0.0	7'-6" (2.30m)	8'-6" (2.60m)
6th FL	±0.0	7'-6" (2.30m)	9'-0" (2.70m)
7th FL	±0.0	7'-6" (2.30m)	9'-6" (2.85m)
8th FL	±0.0	7'-6" (2.30m)	9'-6" (2.85m)
9th FL	±0.0	7'-6" (2.30m)	9'-6" (2.85m)

*5" MIN. THICK FOUNDATION WALL IS REQUIRED FOR MASONRY VENEER FINISHED EXTERIOR WALLS WITH CONTINUOUS INSULATION CONDITION. TO PROVIDE MIN. BEARING FOR SILL PLATES, BEAMS AND FLOOR JOIST AS PER 9.23.1.2, 9.23.8.1, & 9.23.9.1. OF THE O.B.C.

MINIMUM STRIP FOOTING SIZES (9.16.3)			
NUMBER FLOORS SUPPORTED	SUPPORTING MASONRY WALLS	SUPPORTING EXTERIOR	SUPPORTING PARTY WALL
1	16" WIDE x 8" THICK	16" WIDE x 8" THICK	16" WIDE x 8" THICK
2	24" WIDE x 8" THICK	20" WIDE x 8" THICK	24" WIDE x 8" THICK
3	36" WIDE x 14" THICK	28" WIDE x 8" THICK	36" WIDE x 14" THICK

REFER TO SB-12 ENERGY EFFICIENCY DESIGN MATRIX ON THE TITLE PAGE FOR ALL VALUES AS REQUIRED PER 3.1.1., 3.1.2., 3.1.3. OF THE OBC.

- 5A FOUNDATION REDUCTION IN THICKNESS FOR MASONRY
WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF MASONRY EXTERIOR FACING, THE REDUCED SECTION SHALL BE NOT LESS THAN 3 1/2" (90) THICK. THE BRICK VENEER SHALL BE TIED TO THE FOUNDATION WALL WITH CORROSION RESISTANT METAL TIES @ 7/16" (20) VERTICAL AND 2'-11" (889) HORIZONTAL FILL WITH MORTAR BETWEEN WALL AND BRICK VENEER (9.16.4.7(2)(3) & 9.20.9.4(3))
- 5B FOUNDATION REDUCTION IN THICKNESS FOR JOISTS
WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF FLOOR JOISTS, THE REDUCED SECTION SHALL BE NOT MORE THAN 13 3/4" (350) HIGH & NOT LESS THAN 3 1/2" (90) THICK (9.16.4.7(1))
- 6 WEEPING TILE (9.14.3)
4" (100) Ø WEEPING TILE W/ FILTER CLOTH WRAP & 6" (152) CRUSHED STONE COVER
- 7 BASEMENT SLAB OR SLAB ON GRADE (9.16.4) (9.13)
3" (80) MIN. 25MPa (3600psi) CONC. SLAB ON 4" (100) COARSE GRANULAR FILL, OR 20MPa (2900psi) CONC. WITH DAMPROOFING BELOW SLAB. PROVIDE 1/2" (12.7) IMPERIOUS BOARD FOR BOND BREAK AT EDGE. WHERE A BASEMENT SLAB IS WITHIN 24" (610) OF THE EXTERIOR GRADE PROVIDE RIGID INSUL. AROUND THE PERIMETER EXTENDING MIN. 24" (610) BELOW GRADE. FOR SLAB ON GRADE CONDITIONS RIGID INSULATION SHALL BE APPLIED TO THE UNDERSIDE OF THE ENTIRE SLAB. (SB-12) 3.1.1.7. (5) & (6)
- 8 EXPOSED FLOOR TO EXTERIOR (9.10.17.10, 9.10.13.10, 9.10.13.15)
PROVIDE SPRAY FOAM INSULATION BETWEEN CANT. JOIST AND INSTALL OSB CONFIRMING TO 9.28.9. FIN. SOFFIT OR CLADDING AS PER ELEVATION TO UIS OF EXPOSED CANT. JOIST.
- 9 EXPOSED CEILING TO EXTERIOR W/ ATTIC (9.25.2.4)
INSULATION, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD INTERIOR FINISH OR APPROVED EQ.
- 10 EXPOSED CEILING TO EXTERIOR w/o ATTIC
JOIST/TRUSSES AS PER PLANS W/ 2"x2" (88x88) PURLINS @ 16" (406) O.C. PERPENDICULAR TO JOISTS. PURLINS NOT REQ. W/ SPRAY FOAM OR ROOF TRUSSES). W/ INSULATION BETWEEN JOIST. 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD INT. FINISH OR APPROVED EQ. (CANULC-S706.2, 9.19.1, 9.10.17.10)
- 11 ALL STAIRS/EXTERIOR STAIRS (9.8.1.2, 9.8.2, 9.8.4)
MAX. RISE 7/8" (200) 5" (125) 14" (355) 10" (255) MAX. NOSING 1" (25) PRIVATE 7/8" (200) 5" (125) NO LIMIT 1" (250) MIN. STAIR WIDTH TAPERED TREADS MIN. RUN 5/16" (150) PRIVATE 2'-10" (660) MIN. AVG. RUN 10" (255) PUBLIC 2'-11" (600) MIN. RUN 5/16" (150) MIN. AVG. RUN 1" (250)

- 12 MAX. RISE 1/4" (25) MIN. RISE 1/8" (10) MAX. RUN 1/4" (25) MIN. RUN 1/8" (10) ALL STAIRS
PRIVATE 7/8" (200) 5" (125) 14" (355) 10" (255) MAX. NOSING 1" (25) PUBLIC 7/8" (200) 5" (125) NO LIMIT 1" (250) MIN. STAIR WIDTH TAPERED TREADS MIN. RUN 5/16" (150) PRIVATE 2'-10" (660) MIN. AVG. RUN 10" (255) PUBLIC 2'-11" (600) MIN. RUN 5/16" (150) MIN. AVG. RUN 1" (250)
- AVERAGE RUN OF TAPERED TREAD MEASURED AT A POINT 300mm FROM THE CENTERLINE OF INSIDE HANDRAIL. (9.8.4.3)

- 13 GUARDS/HANDRAILS (9.8.7, 9.8.8)
GUARDS TO BE DESIGNED NOT TO FACILITATE CLIMBING AND PROVIDING MAX. OPENING CONFORMING TO O.B.C. 9.8.8.3, & 9.8.8.6. AND BE ABLE TO RESIST LOADS AS PER TABLE 9.8.8.2
GUARD HEIGHTS - O.B.C. 9.8.8
INTERIOR GUARDS: 2'-11" (600) MIN. (LESS THAN 5'-11" (1800) TO GRADE)
EXTERIOR GUARDS: 2'-11" (600) MIN. (MORE THAN 5'-11" (1800) TO GRADE)
GUARDS FOR EXT. STAIRS: 3'-6" (1070) MIN.
GUARDS FOR LANDINGS @ EXT. STAIRS: 3'-6" (1070) MIN.
GUARDS FOR FLOORS & RAMPS IN GARAGES, (SERVICE STAIRS)
FLOOR OR RAMP W/O EXTERIOR WALLS THAT IS 23 5/8" (600) OR MORE ABOVE ADJACENT SURFACE REQUIRES CONT. CURB MIN. 5 1/2" (140) HIGH, AND GUARD MIN. 3'-6" (1070) HIGH.
REQUIRED GUARDS
BETWEEN WALKING SURFACE & ADJACENT SURFACE WITH A DIFFERENCE IN ELEVATION MORE THAN 23 5/8" (600) OR ADJACENT SURFACE WITHIN 3'-11" (1200) & WALKING SURFACE W/ A SLOPE MORE THAN 1 IN 12 SHALL BE PROTECTED WITH GUARDS PER CONSTRUCTION HEX NOTE 11.

- 14 HANDRAIL HEIGHTS - O.B.C. 9.8.7, 9.8.8
MAX. HEIGHT AT STAIRS, RAMPS AND LANDINGS: 3'-6" (1070)
MIN. HEIGHT AT STAIRS, RAMPS AND LANDINGS: 3'-6" (1070)
SILL PLATES
2"x4" (88x89) SILL PLATE WITH 1/2" (12.7) ANCHOR BOLTS 6" (200) LONG, EMBEDDED MIN. 4" (100) INTO CONC. @ 7'-10" (2388) O.C. CALCULING OR GASKET BETWEEN PLATE AND TOP OF FOUNDATION WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED (9.23.7)

- 15 BASEMENT INSULATION (SB-12) 3.1.1.7)
PROVIDE CONTINUOUS BLANKET INSULATION W/ BUILT IN 6 mil POLYETHYLENE VAPOUR BARRIER. INSULATION TO EXTEND NO MORE THAN 6" (200) ABOVE FINISHED BASEMENT FLOOR. DAMPROOFED WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL

- 16 BEARING STUD PARTITION IN BASEMENT (9.15.3.6, 9.23.10.1)
2"x4" (88x89) STUDS @ 16" (406) O.C. 2"x4" (88x89) SILL PLATE (88x140) AS REQUIRED) ON DAMPROOFING MATERIAL OR 2 mil POLYETHYLENE FILM, 1/2" (12.7) Ø ANCHOR BOLTS 6" (200) LONG, EMBEDDED 4" (100) MIN. INTO CONC. @ 7'-10" (2390) O.C. * (100) HIGH CONC. CURB ON CONC. FOOTING. FOR SIZE REFER TO HEX NOTE 5, AND HORIZ. BLOCKING AT MD-HEIGHT IF WALL IS UNFINISHED.

- 17 ADJUSTABLE STEEL BASEMENT COLUMN (9.15.3.4)
9'-10" (3000) MAX. SPAN BETWEEN COLUMNS. 3 1/2" (90) SINGLE TUBE ADJUSTABLE STEEL COLUMN CONFORMING TO CAN/CSB-7.2M, AND WITH 6"x6"x3/8" (152x152x8.5) STEEL PLATE TOP & BOTTOM. FIELD WELD BASEMENT COLUMN CONNECTION. POURED CONCRETE FOOTING ON NATURAL UNDISTURBED SOIL OF 75kPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150kPa AS PER SOILS REPORT.

- 18 SUPPORTING 2 STOREY FLR. LOAD PROVIDE 42"x42"x16" (1070x1070x400) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 48"x48"x16" (1220x1220x400) CONC. FOOTING

- 19 NON-ADJUSTABLE STEEL COLUMN AT FOUNDATION WALL
3 1/2" (90) Ø x 0.188" (4.78) NON-ADJUSTABLE STEEL COLUMN WITH 6"x6"x3/8" (152x152x8.5) STEEL TOP PLATE & 6"x6"x3/8" (152x100x8.5) BOTTOM PLATE. BASE PLATE 4-1/2"x10"x1/2" (120x250x12.7) WITH 2-1/2" Ø x 12" LONG x 2" HOOK ANCHORS (2- 12/10x305x60). FIELD WELD COLUMN TO BASE PLATE & STEEL BM.

- 20 STEEL BEAM BEARING AT FOUNDATION WALL (9.23.8.1)
BEAM POCKET OR 6"x6" (200x200) POURED CONC. NB WALLS. MIN. BEARING 3-1/2" (90) CONC. NB WALLS TO HAVE EXTENDED FOOTINGS

- 21 WOOD STRAPPING AT STEEL BEAMS (9.23.4.3 (3), 9.23.9.3)
1"x3" (19x64) CONTIN. WOOD STRAPPING BOTH SIDES OF STEEL BEAM.

- 22 GARAGE SLAB (9.16, 9.36)
4" (100) 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT. 4" (100) COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL SLOPE TO FRONT @ 1% MIN.

- 23 GARAGE TO HOUSE WALLS/CEILING (9.10.9.16)
1/2" (12.7) GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND GARAGE, PLUS REQUIRED INSULATION IN WALLS AND SPRAY FOAM FOR CEILINGS. TAPE AND SEAL ALL JOINTS GAS TIGHT. (9.10.17.10, CANULC-S706.2)

- 24 FOUNDATION REDUCTION IN THICKNESS FOR MASONRY
WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF MASONRY EXTERIOR FACING, THE REDUCED SECTION SHALL BE NOT LESS THAN 3 1/2" (90) THICK. THE BRICK VENEER SHALL BE TIED TO THE FOUNDATION WALL WITH CORROSION RESISTANT METAL TIES @ 7/16" (20) VERTICAL AND 2'-11" (889) HORIZONTAL FILL WITH MORTAR BETWEEN WALL AND BRICK VENEER (9.16.4.7(2)(3) & 9.20.9.4(3))
- 25 FOUNDATION REDUCTION IN THICKNESS FOR JOISTS
WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF FLOOR JOISTS, THE REDUCED SECTION SHALL BE NOT MORE THAN 13 3/4" (350) HIGH & NOT LESS THAN 3 1/2" (90) THICK (9.16.4.7(1))
- 26 WEEPING TILE (9.14.3)
4" (100) Ø WEEPING TILE W/ FILTER CLOTH WRAP & 6" (152) CRUSHED STONE COVER
- 27 BASEMENT SLAB OR SLAB ON GRADE (9.16.4) (9.13)
3" (80) MIN. 25MPa (3600psi) CONC. SLAB ON 4" (100) COARSE GRANULAR FILL, OR 20MPa (2900psi) CONC. WITH DAMPROOFING BELOW SLAB. PROVIDE 1/2" (12.7) IMPERIOUS BOARD FOR BOND BREAK AT EDGE. WHERE A BASEMENT SLAB IS WITHIN 24" (610) OF THE EXTERIOR GRADE PROVIDE RIGID INSUL. AROUND THE PERIMETER EXTENDING MIN. 24" (610) BELOW GRADE. FOR SLAB ON GRADE CONDITIONS RIGID INSULATION SHALL BE APPLIED TO THE UNDERSIDE OF THE ENTIRE SLAB. (SB-12) 3.1.1.7. (5) & (6)
- 28 EXPOSED FLOOR TO EXTERIOR (9.10.17.10, 9.10.13.10, 9.10.13.15)
PROVIDE SPRAY FOAM INSULATION BETWEEN CANT. JOIST AND INSTALL OSB CONFIRMING TO 9.28.9. FIN. SOFFIT OR CLADDING AS PER ELEVATION TO UIS OF EXPOSED CANT. JOIST.
- 29 EXPOSED CEILING TO EXTERIOR W/ ATTIC (9.25.2.4)
INSULATION, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD INTERIOR FINISH OR APPROVED EQ.
- 30 EXPOSED CEILING TO EXTERIOR w/o ATTIC
JOIST/TRUSSES AS PER PLANS W/ 2"x2" (88x88) PURLINS @ 16" (406) O.C. PERPENDICULAR TO JOISTS. PURLINS NOT REQ. W/ SPRAY FOAM OR ROOF TRUSSES). W/ INSULATION BETWEEN JOIST. 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD INT. FINISH OR APPROVED EQ. (CANULC-S706.2, 9.19.1, 9.10.17.10)
- 31 ALL STAIRS/EXTERIOR STAIRS (9.8.1.2, 9.8.2, 9.8.4)
MAX. RISE 1/4" (25) MIN. RISE 1/8" (10) MAX. RUN 1/4" (25) MIN. RUN 1/8" (10) ALL STAIRS
PRIVATE 7/8" (200) 5" (125) 14" (355) 10" (255) MAX. NOSING 1" (25) PUBLIC 7/8" (200) 5" (125) NO LIMIT 1" (250) MIN. STAIR WIDTH TAPERED TREADS MIN. RUN 5/16" (150) PRIVATE 2'-10" (660) MIN. AVG. RUN 10" (255) PUBLIC 2'-11" (600) MIN. RUN 5/16" (150) MIN. AVG. RUN 1" (250)

- 32 MAX. RISE 1/4" (25) MIN. RISE 1/8" (10) MAX. RUN 1/4" (25) MIN. RUN 1/8" (10) ALL STAIRS
PRIVATE 7/8" (200) 5" (125) 14" (355) 10" (255) MAX. NOSING 1" (25) PUBLIC 7/8" (200) 5" (125) NO LIMIT 1" (250) MIN. STAIR WIDTH TAPERED TREADS MIN. RUN 5/16" (150) PRIVATE 2'-10" (660) MIN. AVG. RUN 10" (255) PUBLIC 2'-11" (600) MIN. RUN 5/16" (150) MIN. AVG. RUN 1" (250)
- AVERAGE RUN OF TAPERED TREAD MEASURED AT A POINT 300mm FROM THE CENTERLINE OF INSIDE HANDRAIL. (9.8.4.3)

- 33 GUARDS/HANDRAILS (9.8.7, 9.8.8)
GUARDS TO BE DESIGNED NOT TO FACILITATE CLIMBING AND PROVIDING MAX. OPENING CONFORMING TO O.B.C. 9.8.8.3, & 9.8.8.6. AND BE ABLE TO RESIST LOADS AS PER TABLE 9.8.8.2
GUARD HEIGHTS - O.B.C. 9.8.8
INTERIOR GUARDS: 2'-11" (600) MIN. (LESS THAN 5'-11" (1800) TO GRADE)
EXTERIOR GUARDS: 2'-11" (600) MIN. (MORE THAN 5'-11" (1800) TO GRADE)
GUARDS FOR EXT. STAIRS: 3'-6" (1070) MIN.
GUARDS FOR LANDINGS @ EXT. STAIRS: 3'-6" (1070) MIN.
GUARDS FOR FLOORS & RAMPS IN GARAGES, (SERVICE STAIRS)
FLOOR OR RAMP W/O EXTERIOR WALLS THAT IS 23 5/8" (600) OR MORE ABOVE ADJACENT SURFACE REQUIRES CONT. CURB MIN. 5 1/2" (140) HIGH, AND GUARD MIN. 3'-6" (1070) HIGH.
REQUIRED GUARDS
BETWEEN WALKING SURFACE & ADJACENT SURFACE WITH A DIFFERENCE IN ELEVATION MORE THAN 23 5/8" (600) OR ADJACENT SURFACE WITHIN 3'-11" (1200) & WALKING SURFACE W/ A SLOPE MORE THAN 1 IN 12 SHALL BE PROTECTED WITH GUARDS PER CONSTRUCTION HEX NOTE 11.

- 34 HANDRAIL HEIGHTS - O.B.C. 9.8.7, 9.8.8
MAX. HEIGHT AT STAIRS, RAMPS AND LANDINGS: 3'-6" (1070)
MIN. HEIGHT AT STAIRS, RAMPS AND LANDINGS: 3'-6" (1070)
SILL PLATES
2"x4" (88x89) SILL PLATE WITH 1/2" (12.7) ANCHOR BOLTS 6" (200) LONG, EMBEDDED MIN. 4" (100) INTO CONC. @ 7'-10" (2388) O.C. CALCULING OR GASKET BETWEEN PLATE AND TOP OF FOUNDATION WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED (9.23.7)

- 35 BASEMENT INSULATION (SB-12) 3.1.1.7)
PROVIDE CONTINUOUS BLANKET INSULATION W/ BUILT IN 6 mil POLYETHYLENE VAPOUR BARRIER. INSULATION TO EXTEND NO MORE THAN 6" (200) ABOVE FINISHED BASEMENT FLOOR. DAMPROOFED WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL

- 36 BEARING STUD PARTITION IN BASEMENT (9.15.3.6, 9.23.10.1)
2"x4" (88x89) STUDS @ 16" (406) O.C. 2"x4" (88x89) SILL PLATE (88x140) AS REQUIRED) ON DAMPROOFING MATERIAL OR 2 mil POLYETHYLENE FILM, 1/2" (12.7) Ø ANCHOR BOLTS 6" (200) LONG, EMBEDDED 4" (100) MIN. INTO CONC. @ 7'-10" (2390) O.C. * (100) HIGH CONC. CURB ON CONC. FOOTING. FOR SIZE REFER TO HEX NOTE 5, AND HORIZ. BLOCKING AT MD-HEIGHT IF WALL IS UNFINISHED.

- 37 ADJUSTABLE STEEL BASEMENT COLUMN (9.15.3.4)
9'-10" (3000) MAX. SPAN BETWEEN COLUMNS. 3 1/2" (90) SINGLE TUBE ADJUSTABLE STEEL COLUMN CONFORMING TO CAN/CSB-7.2M, AND WITH 6"x6"x3/8" (152x152x8.5) STEEL PLATE TOP & BOTTOM. FIELD WELD BASEMENT COLUMN CONNECTION. POURED CONCRETE FOOTING ON NATURAL UNDISTURBED SOIL OF 75kPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150kPa AS PER SOILS REPORT.

- 38 SUPPORTING 2 STOREY FLR. LOAD PROVIDE 42"x42"x16" (1070x1070x400) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 48"x48"x16" (1220x1220x400) CONC. FOOTING

- 39 NON-ADJUSTABLE STEEL COLUMN AT FOUNDATION WALL
3 1/2" (90) Ø x 0.188" (4.78) NON-ADJUSTABLE STEEL COLUMN WITH 6"x6"x3/8" (152x152x8.5) STEEL TOP PLATE & 6"x6"x3/8" (152x100x8.5) BOTTOM PLATE. BASE PLATE 4-1/2"x10"x1/2" (120x250x12.7) WITH 2-1/2" Ø x 12" LONG x 2" HOOK ANCHORS (2- 12/10x305x60). FIELD WELD COLUMN TO BASE PLATE & STEEL BM.

- 40 STEEL BEAM BEARING AT FOUNDATION WALL (9.23.8.1)
BEAM POCKET OR 6"x6" (200x200) POURED CONC. NB WALLS. MIN. BEARING 3-1/2" (90) CONC. NB WALLS TO HAVE EXTENDED FOOTINGS

- 41 WOOD STRAPPING AT STEEL BEAMS (9.23.4.3 (3), 9.23.9.3)
1"x3" (19x64) CONTIN. WOOD STRAPPING BOTH SIDES OF STEEL BEAM.

- 42 GARAGE SLAB (9.16, 9.36)
4" (100) 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT. 4" (100) COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL SLOPE TO FRONT @ 1% MIN.

- 43 GARAGE TO HOUSE WALLS/CEILING (9.10.9.16)
1/2" (12.7) GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND GARAGE, PLUS REQUIRED INSULATION IN WALLS AND SPRAY FOAM FOR CEILINGS. TAPE AND SEAL ALL JOINTS GAS TIGHT. (9.10.17.10, CANULC-S706.2)

- 44 FOUNDATION REDUCTION IN THICKNESS FOR MASONRY
WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF MASONRY EXTERIOR FACING, THE REDUCED SECTION SHALL BE NOT LESS THAN 3 1/2" (90) THICK. THE BRICK VENEER SHALL BE TIED TO THE FOUNDATION WALL WITH CORROSION RESISTANT METAL TIES @ 7/16" (20) VERTICAL AND 2'-11" (889) HORIZONTAL FILL WITH MORTAR BETWEEN WALL AND BRICK VENEER (9.16.4.7(2)(3) & 9.20.9.4(3))
- 45 FOUNDATION REDUCTION IN THICKNESS FOR JOISTS
WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF FLOOR JOISTS, THE REDUCED SECTION SHALL BE NOT MORE THAN 13 3/4" (350) HIGH & NOT LESS THAN 3 1/2" (90) THICK (9.16.4.7(1))
- 46 WEEPING TILE (9.14.3)
4" (100) Ø WEEPING TILE W/ FILTER CLOTH WRAP & 6" (152) CRUSHED STONE COVER
- 47 BASEMENT SLAB OR SLAB ON GRADE (9.16.4) (9.13)
3" (80) MIN. 25MPa (3600psi) CONC. SLAB ON 4" (100) COARSE GRANULAR FILL, OR 20MPa (2900psi) CONC. WITH DAM

